

abstract

LIE GROUPS, REPRESENTATIONS AND DISCRETE MATH
Topic:

Speaker:

Affiliation:

Date:

Time/Room:

Ramanujan graphs are graphs with optimal bounds on their eigenvalues. They play an important role in combinatorics and computer science. Their constructions in the late 80's used the work of Deligne and Drinfeld proving the Ramanujan conjecture for $GL(2)$ in char. 0 and p , resp. The work of Lafforgue enables starting to develop higher dimensional analogues.